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C22C 5/06(21)Application number : **2001-123997**(71)Applicant : **SUMITOMO METAL MINING CO LTD**
RICOH CO LTD(22)Date of filing : **23.04.2001**(72)Inventor : **SHIMIZU JUICHI**
NAKAI TSUKASA
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ITO KAZUNORI**(54) SILVER ALLOY FOR REFLECTION FILM FOR OPTICAL RECORDING DISK****(57)Abstract:**

PROBLEM TO BE SOLVED: To provide a silver alloy for a reflection film having high thermal conductivity and suitable for an optical recording disk dealing with high recording density, by which high data reliability can be secured.

SOLUTION: The silver alloy consists essentially of Ag and contains at least one first added element of 0.001-0.1 wt.% selected from the group consisting of Cr, Zr, La, Ce, Eu, Ca, Sr, Ba, Ru, Ni and W. In the silver alloy for the reflection film, at least one second added element of 0.1-5 wt.% selected from the group consisting of Zn, Mg, Au and Pd can be added to the first added element.

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